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OXCART MISSION SUPPORT

MAINTENANCE

SUPPLY

TRANSPORTATION

FACILITIES

25X1A

25X1A

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MAINTENANCE:

*ORGANIZATIONAL

25X1A

DEPLOYMENT
RECOVERY
LOCKHEED & SPECIALIZED
CONTRACTORS

*COST/FLY HOUR

25X1A

FY-66
FY-67 (EST)

*RELIABILITY

75% SCHEDULE VS SUCCESSFUL
LAUNCH.
SUCCESSFUL ORIT

*SORTIE RATE

6/MO/AVAIL/ACFT
7.2/MO/AVAIL/ACFT (JAN)

25X1A

25X1A

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SKILLS/TRAINING REQUIRED FOR OXCART

MILITARY:

SCREENING & SELECTION TOP-NOTCH USAF
CANDIDATES
BLEND SPECIAL PROJECT REQUIREMENTS
TO EXISTING CAREER SPECIALTIES
STABILIZED TOUR (3-4 YEARS)
CONTINUATION OF CAREER DEVELOPMENT
WHILE IN PROJECT

CONTRACTOR TECH REPS:

SCREENING & SELECTION, CONTRACTOR'S
IN-HOUSE RESOURCES
PLANT ORIENTATION & TRAINING FOR
PROJECT ASSIGNMENT
FIELD SCHEDULE INCLUDES OJT
AND PLANT UPDATE TRAINING

STAFF CIVILIANS:

SELECTION THROUGH CAREER SPECIALTY
AND BACKGROUND
ROTATED ON NORMAL TOUR EXPIRATION

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SUPPLY

AIRFRAME
LOCKHEED

SPECIALIZED EQPT.
VARIOUS CONTRACTORS

ENGINES
PRATT & WHITNEY

AIR FORCE
COMMON AIRCRAFT
VEHICLES
CENTRALLY PROCURED
LOCAL PROCUREMENT
POL

AGENCY
SPECIALIZED ITEMS
COMMO EQPT.

25X1A

25X1A

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LOGISTICS REQUIREMENT

FOR:

A. PRIME SYSTEM (i.e., A-12,
ITS SYSTEMS & GROUND SUPPORT EQPT.)

25X1A

B. SUPPORTING ELEMENTS

ESTABLISHED BY:

OPERATIONAL CONCEPT
BUDGET/PROGRAM PARAMETERS
JOINT PROVISIONING
REQUIREMENTS COMPUTATION
CONSUMPTION EXPERIENCE

ASSTS OBTAINED FROM:

CONTRACTOR FURNISHED ASSETS
COMMERCIAL OFF-THE-SHELF
DOD/USAF ASSETS

25X1A

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HOW MANAGED:

25X1A

- A. PROJECT SUPPORT DEPOT [REDACTED]
STOCKAGE & INVENTORY CONTROLS (A-12/SR-71)
CONTRACT PROPERTY ADMINISTRATOR
TRANSPORTATION FOCAL POINT
SECURE ENVIRONMENT
ENTRY TO DOD/USAF SUPPLY

25X1A

- B. [REDACTED] MATERIEL
OPERATIONAL STOCKS (LOCAL & O/S DET)
RECORDS MANAGEMENT & ACCOUNTING
STOCK & INVENTORY CONTROLS & STORAGE
FOCAL POINT, BASE LOGISTICS NEEDS

25X1A

[REDACTED]
VEHICLE MAINT

- C. HEADQUARTERS
OVERALL MGT
MISSION INTEGRATION
SUPPLY
MAINT
TRANSP
PLANNING

25X1A

25X1A

[REDACTED] 2641-66

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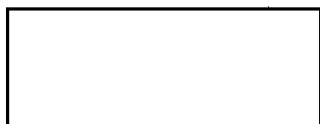
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25X1A

FUEL



KADENA AIR BASE

THULE AIR BASE

INCIRLIK AIR BASE

EIELSON AFBASE

1,240,000 GAL.

840,000

1,762,000


1,800,000

1,000,000

375,000

25X1A

25X1A

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TRANSPORTATION

AIRLIFT

AIRFORCE

ASSIGNED C-130, U-3, T-33

CONTRACT AIRLIFT

PERSONNEL & CARGO

OVER-THE-ROAD

CONTRACT

SEALIFT

DOD THRU AIR FORCE

25X1A

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SUPPORT AIRCRAFT

1	C-130	EMERGENCY RECOVERY & LOGISTIC SUPPORT
8	F-101	CHASE AIRCRAFT
1	T-33	PILOT PROFICIENCY
1	H-43	RESCUE & FIREFIGHTING
1	U-3	PILOT PROFICIENCY & ADMIN

MAINTENANCE & SUPPLY SUPPORT
PROVIDED BY AIR FORCE

25X1A

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AIRLIFT

INITIAL LAY-IN OF EQUIPMENT & SPARES TO
DEPLOYMENT SITES

DEPLOYMENT OF DETACHMENTS TO OPERATING
LOCATIONS AS REQUIRED

CONTINUING SUPPORT OF DEPLOYED FORCE

SPECIAL LIFT FOR HI-VALUE, SCARCE ITEMS,
(ENGINES, CAMERAS)

TANKER SUPPORT FOR TRAINING & MISSIONS

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VEHICLES

PROGRAMED BY AIR FORCE

REPLACED BY AIR FORCE AS REQUIRED
THRU NORMAL PROGRAMMING

MAINTAINED BY CONTRACT

SUPPLY SUPPORT BY AIR FORCE

25X1A



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ENGINES

YJT-11D-20

PROTOTYPE OF J-58 ENGINE
DEVELOPED BY P&W FOR OXCART
31,500 LBS THRUST W/AFTER BURNER
32,500 LBS W/IMPROVEMENTS

J-58 PRODUCTION MODEL
INCREASED THRUST (32,500#) W/IMPROVED
BASIC DESIGN & AFTERBURNER
IMPROVED DURABILITY

J-58 LATEST MODIFICATION
INCREASED THRUST (34,000#)
ALL PRODUCTION MODELS BEING MODIFIED
TO THIS CAPABILITY

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ENGINE SUPPORT

25X1A FIELD MAINTENANCE:

[REDACTED]

PRATT-WHITNEY TECHNICIANS

OVERHAUL: PRATT-WHITNEY, E. HARTFORD

PROBLEM SOLVING: R & D FACILITY, P&W,
W. PALM BEACH

INVENTORY MANAGEMENT: P & W, WEST PALM BEACH

25X1A

TRANSPORTATION:

[REDACTED]

SUPPORT AIRCRAFT
SPECIAL LIFT BY AIR FORCE

25X1A

[REDACTED]

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OX CART CAMERAS

TYPE I

PANORAMIC STEREO 2 CAMERAS, IMAGING
ON A SINGLE FILM, MOUNTED ON A
STABLE PLATFORM.

ONE ROLL FILM: 6.6" x 5000'

PICTURE SIZE: 27.67" x 6.35"

LINEAR COVERAGE: 2500 NM

LATERAL COVERAGE FR 80,000': 63NM

LENS: 18" f 3.8

25X1D

GROUND RESOLUTION:

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TYPE II

PANORAMIC STEREO CONVERGENT -2 CAMERAS
IMAGING ON TWO ROLLS OF FILM, SUSPENDED
FROM STABLE PLATFORM.

TWO ROLLS OF FILM 8" x 4,200'

PICTURE FORMAT OF 7.76" x 34.1"

LINEAR COVERAGE OF 3400 NM

LATERAL COVERAGE OF 56 NM

LENS 21" f4.0

25X1D

GROUND RESOLUTION OF

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TYPE IV

FRAMING CAMERA - SINGLE CAMERA IMAGING
SIMULTANEOUSLY ON TWO ROLLS OF
FILM, 7 MODES OF OPERATION.

TWO ROLLS OF FILM 9.5" x 6000'

PICTURE FORMAT OF 18" x 18"

LINEAR COVERAGE OF 50 MIN TO 1 HR. 11 MIN
DEPENDING ON MODE OF OPERATION

LATERAL COVERAGE OF 18.6 NM to 39.04 NM
DEPENDING ON MODE OF OPERATION

LENS - 48" f5.6

25X1D

GROUND RESOLUTION OF

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25X1D

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